

12/19/01

1-4-02

REISSUE

PTO/SB/50 (4/98)

Type a plus sign (+) inside this box

## REISSUE PATENT APPLICATION TRANSMITTAL

DEC 19 2001

PATENT &amp; TRADEMARK OFFICE

Commissioner for Patents  
Box Reissue Patent Application  
Washington, DC 20231

Attorney Docket No.	500300.02
First Named Inventor	Trung T. Doan
Original Patent Number	6,004,196
Original Patent Issue Date (Month/Day/Year)	December 21, 1999
Express Mail Label No.	EL 872037758 US

APPLICATION FOR REISSUE OF:  
(check applicable box)



Utility Patent

Design  
Patent

Plant Patent

## APPLICATION ELEMENTS

1. ☐ \* Fee Transmittal Form (PTO/SB/56)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification and Claims (amended, if appropriate)
3. ☒ Drawing(s) (proposed amendments, if appropriate)
4. ☐ Reissue Oath / Declaration (original or copy)
5. Original U.S. Patent  
☐ Offer to Surrender Original Patent  
(37 C.F.R. § 1.178)  
☐ Ribbioned Original Patent Grant  
Or ☐ Affidavit / Declaration of Loss
6. Original U.S. Patent currently assigned?  
☒ Yes ☐ No  
(If yes, check applicable box(es))  
☐ Written Consent of all Assignees  
☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney

## ACCOMPANYING APPLICATION PARTS

7. ☐ Foreign Priority Claim (35 U.S.C. 119)  
(if applicable)
8. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
9. ☐ English Translation Document (if applicable)
10. ☐ Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired
11. ☒ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
13. Other: Certificate of Express Mail  
Reissue Application Transmittal Letter

## 14. CORRESPONDENCE ADDRESS

Paul F. Rusyn  
Dorsey & Whitney LLP  
1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101-4010  
(206) 903-8800 phone  
(206) 903-8820 fax

Respectfully submitted,

TYPED or PRINTED NAME Paul F. Rusyn

SIGNATURE

REGISTRATION NO. 42,118

Date

19 Dec 01



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

 RECEIVED  
 JAN 11 2002  
 TCEB100 MAIL ROOM
Reissue Patent Application:

Applicants : Trung T. Doan and Gurtej S. Sandhu  
 Assignee: : Micron Technology, Inc.  
 Filed : December 19, 2001  
 For : POLISHING PAD REFURBISHER FOR IN SITU, REAL-TIME CONDITIONING  
 AND CLEANING OF A POLISHING PAD USED IN CHEMICAL-MECHANICAL  
 POLISHING OF MICROELECTRONIC SUBSTRATES  
 Docket No. : 500300.02

Corresponding Issued U.S. Patent:

Patent No. : 6,004,196  
 Issued : December 21, 1999  
 Application No. : 09/032,230  
 Filing Date : February 27, 1998  
 Examiner : William Hong  
 Art Unit : 3725

BOX REISSUE  
 Commissioner for Patents  
 Washington, D.C. 20231

REISSUE APPLICATION TRANSMITTAL LETTER

Sir:

Transmitted herewith is the Application for Reissue of the above-identified patent.

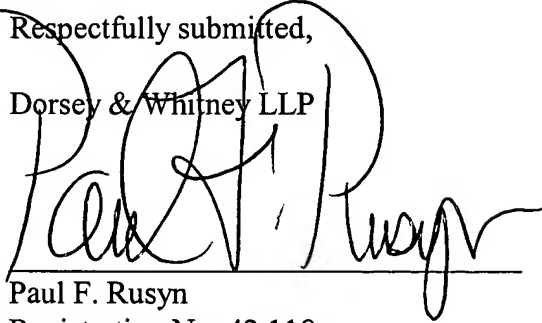
Enclosed are the following:

- (1) Postcard
- (2) Certificate of Mailing by Express Mail
- (3) Form PTO/SB/50 (+ copy)
- (4) Specification, Claims, Abstract and Figures
- (5) Five (5) Sheets of Drawings, Figures 1-6
- (6) Preliminary Amendment

- (7) Offer to Surrender the Original Patent (unsigned)
- (8) Assent of Assignee (unsigned)
- (9) Certificate Under 37 C.F.R. § 3.73(b) (unsigned)
- (10) Reissue Application Declaration (unsigned)

Respectfully submitted,

Dorsey & Whitney LLP

A large, stylized handwritten signature in black ink, appearing to read "Paul F. Rusyn", is written over a horizontal line.

Paul F. Rusyn

Registration No. 42,118

PFR/ln

1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101  
(206) 903-8800  
Fax: (206) 903-8820

\\Sefile05\Files2\IP\Documents\Clients\Micron Technology\300\500300.02\500300.02 reissue trans ltr.doc



01/04/02

3725

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Reissue Patent Application:

Applicants : Trung T. Doan and Gurtej S. Sandhu  
Assignee: : Micron Technology, Inc.  
Filed : December 19, 2001  
For : POLISHING PAD REFURBISHER FOR IN SITU, REAL-TIME  
CONDITIONING AND CLEANING OF A POLISHING PAD USED IN  
CHEMICAL-MECHANICAL POLISHING OF MICROELECTRONIC  
SUBSTRATES  
Docket No. : 500300.02

Corresponding Issued U.S. Patent:

Patent No. : 6,004,196  
Issued : December 21, 1999  
Application No. : 09/032,230  
Filing Date : February 27, 1998  
Examiner : William Hong  
Art Unit : 3725

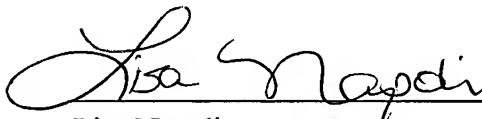
BOX REISSUE

Commissioner for Patents  
Washington, DC 20231

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 872037758 US, on December 19, 2001, addressed to Box Reissue, Commissioner for Patents, Washington, DC 20231.

  
Lisa Napoli

Enclosures:

Postcard  
Reissue Application Transmittal Letter  
Form PTO/SB/50 (+ copy)  
Specification, Claims, Abstract and Figures  
Five (5) Sheets of Drawings, Figures 1-6  
Preliminary Amendment  
Offer to Surrender the Original Patent (unsigned)  
Assent of Assignee (unsigned)  
Certificate Under 37 C.F.R. § 3.73(b) (unsigned)  
Reissue Declaration (unsigned)

RECEIVED  
JAN 11 2002  
TC 3100 MAIL ROOM



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT RECEIVED  
JAN 11 2002  
PC 3700 MAIL ROOMReissue Patent Application:

Applicants : Trung T. Doan and Gurtej S. Sandhu  
Assignee: : Micron Technology, Inc.  
Filed : December 19, 2001  
For : POLISHING PAD REFURBISHER FOR IN SITU, REAL-TIME  
CONDITIONING AND CLEANING OF A POLISHING PAD USED IN  
CHEMICAL-MECHANICAL POLISHING OF MICROELECTRONIC  
SUBSTRATES  
Docket No. : 500300.02

Corresponding Issued U.S. Patent:

Patent No. : 6,004,196  
Issued : December 21, 1999  
Application No. : 09/032,230  
Filing Date : February 27, 1998  
Examiner : William Hong  
Art Unit : 3725

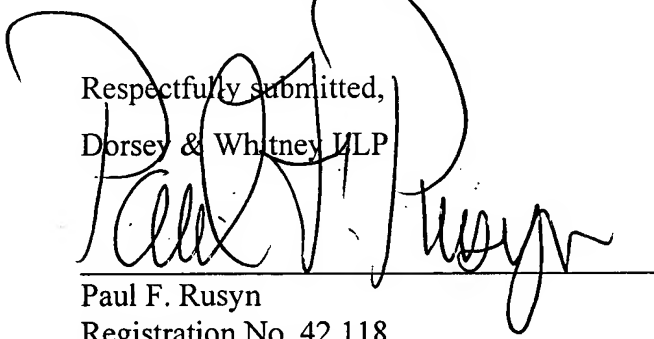
BOX REISSUE  
Commissioner for Patents  
Washington, DC 20231

**FILING FORMAL DRAWINGS IN REISSUE APPLICATION**

Sir:

Enclosed are the drawings from the original file of U.S. Patent No. 09/032,230 to be used for the reissue application of U.S. Patent No. 6,004,196. There are no changes in the drawings for the reissue application.

Respectfully submitted,  
Dorsey & Whitney LLP

  
Paul F. Rusyn  
Registration No. 42,118

Enclosures:

Five (5) Sheets of Drawings, Figures 1-6

1420 Fifth Avenue, Suite 3400  
Seattle, Washington 98101  
(206) 903-8800 Fax: (206) 903-8820

H:\IP\Documents\Clients\Micron Technology\300\500300.02\500300.02 draw trans.doc



EXPRESS MAIL NO. EL 872037758 US

RECEIVED

**CERTIFICATE UNDER 37 C.F.R. § 3.73(b)** JAN 11 2002

TC 3700 MAIL ROOM

Applicants : Trung T. Doan and Gurtej S. Sandhu  
Patent No. : 6,004,196  
Issued : December 21, 1999  
Filed : February 27, 1998  
For : POLISHING PAD REFURBISHER FOR IN SITU, REAL-TIME CONDITIONING  
AND CLEANING OF A POLISHING PAD USED IN CHEMICAL-MECHANICAL  
POLISHING OF MICROELECTRONIC SUBSTRATES

MICRON TECHNOLOGY, INC.,  
(Name of Assignee)

a Corporation  
(Type of Assignee, e.g., corporation,  
partnership, government agency, etc.)

certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

- A. ☒ An assignment from inventors of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 9035 Frame 0466 (copy enclosed).
- B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignees as shown below:
1. From: \_\_\_\_\_ To: \_\_\_\_\_  
A copy is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_  
Frame \_\_\_\_\_ or for which a copy thereof is attached.
- ☐ Additional documents in the chain of title are listed on a supplemental sheet.
- ☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: \_\_\_\_\_

Name: Michael L. Lynch

Title: Chief Patent Counsel

Signature: \_\_\_\_\_